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04/12/2005 RFEKADU2 00	0000071 10637409	\ Al	PR 1 1 2005	Robert J		(Depositor's name)
01 FC:1501 1400.00 OP			ž :		7	(Signature)
02 FC:1504 03:5C:8001	300.00 dp 9.00 dp		TA MADEMARK 4-6-C		25	(Date)
APPLICATION NO.	FILING DATE	FIR	ST NÄMED INV	/ENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/637,409	08/08/2003	Stephen E		own	7162-64	3140
TITLE OF INVENTION: B	EAM STEERING WITH A	PERIODIC RESONA	NCE STRUCT	TURE		
APPLN. TYPE	SMALL ENTITY	ISSUE FEE		PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	МО	\$1400		\$300	\$1700	04/27/2005
EXAMINER		ART UNIT		CLASS-SUBCLASS	· ·	
VU, JIMMY T		2821	2821 343-7000MS		_	
CFR 1.363).	e address or indication of "Fe	I	2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys  Sacco & Associates, PA			
Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.			or agents OR, alternatively,  (2) the name of a single firm (having as a member a 2			
"Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Custome Number is required.			registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.			
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PLEASE NOTE: Unless recordation as set forth in	an assignee is identified be a 37 CFR 3.11. Completion of	low, no assignee data of this form is NOT a	a will appear of substitute for f	n the patent. If an assig ling an assignment.	nee is identified below, the d	locument has been filed for
(A) NAME OF ASSIGN	EE	(B) R	B) RESIDENCE: (CITY and STATE OR COUNTRY)			
Н	ARRIS CORPORA	TION	MELBOU	RNE, FL		
Please check the appropriate	assignee category or categor	ies (will not be printe	ed on the patent	): 🗖 Individual 🖾 (	Corporation or other private gr	oup entity Government
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Authorized Signature	122			Date	4-6-05	
Typed or printed name	Robert J. S	Sacco		Registratio	n No35,667	7
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This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mication No.

10/637,409

Confirmation No.

3140

Applicant

BROWN, et al. August 8, 2003

Filed

2821

TC/A.U. Examiner

VU, Jimmy T.

Docket No:

7162-0064

Customer No

39207

## TRANSMITTAL LETTER

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- ✓ PTOL-85 Fee Transmittal
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Respectfully submitted,

Robert J. Sacco

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